

A. ABSTRACT

A1. The invention uses mathematical patterns, aesthetics, varying views, and a new system of scale, pacing and edges similar to walking in nature to draw the geometry of knowledge as it changes over time. These drawings have no straight lines, only arcs. There are no corners, only transitions and rotations in specific places on irregular high-dimensional waveforms threading their way through time. Each pattern and each memory form is a unique continuous whole perceived as objects in spaces where both the object and space around it have meaning. When data and data relationships preserved in Context Driven Topologies are interpreted in the future, each whole is broken into components, reinterpreted, recreated, fixed into a new pattern and memory form and reintroduced into the stream. Each component in every topology carries a history of its priority and placement. Very efficient, accurate searches recognize continuous wholes using these histories. Shared context draws data and data arrangements together deep in the background to “gravitate” and “snap” relative proportions, measurements and historical relationships into groups. The creation of new patterns, new memory forms, and the shared memory space will simplify and streamline these geometries over time which will improve the quality of dynamic shared data stores. The intention is to change the communication mode between people and machines and to develop more precise records over longer periods of time. **10 Drawings, 10 Claims**